



Transmission Development Forum

Queue Network Upgrades and Approved Transmission Planning Projects

Changes from July 2022 Forum

October 28th, 2022

TPP Project Schedule

 In progress
 Completed

No.	Project	Transmission Plan Approved	ISD ¹ at Approval in Transmission Plan	Expected ISD Q3 2022 TDF	Current Expected ISD	Project Status	Expected CPUC Permit Filing	Expected Construction Start
1	Lugo-Mohave Series Capacitor Upgrade	2013	2016	Jun-23	Dec-23 ²	Construction	May-2018	Dec-20
2	Lugo-Eldorado Series Cap and Terminal Equipment Upgrade	2013	2016	Jun-23	Dec-23 ²	Construction	May-2018	Dec-20
3	Lugo Substation Install new 500 kV CBs for AA Banks	2008	2011	Dec-24	Dec-25 ³	Design	Exempt	Oct-24
4	Pardee-Sylmar 230 kV Line Rating Increase Project	2020	2023	Jun-24	Jun-25 ⁴	Design	Exempt	Oct-22
5	Devers 230 kV Reconfiguration Project	2022	2023	Pending	Jun-25	Design	N/A	Pending



1: In-service date (ISD)

2: Majority of the project is still expected to be in-service by June 2023 with full compensation by December 2023

3: Delay due to outage constraints

4: Date is updated to include revised best estimate of LADWP scope completion

Queue Network Upgrades (1/2)

 In progress
 Completed

No.	ID	Network Upgrades	Status	Current Expected Construction Start	Expected CPUC Application	Original Estimated ISD ¹	Expected ISD Q3 2022 TDF	Current Estimated ISD
1	SCE-C11P2-N-L1	Pardee – Pastoria- Warne 220 kV T/L Rating Increase	Design	Jan-23	N/A	Jul-20	Jun-23	Dec-23 ²
2	SCE-C9P2-N-R1	Whirlwind AA Bank CRAS Monitoring Infrastructure	Design	Oct-22	N/A	Nov-22	Feb-23	Jun-23 ³
3	SCE-C9C10-N	Windhub AA Bank cRAS - monitoring infrastructure	Construction	Jun-22	N/A	Nov-22	Feb-23	Mar-23 ³
4	SCE-C12P2-N-R2	Tehachapi CRAS: monitoring infrastructure addition	Design	Oct-23	N/A	Sep-24	Sep-24	Apr-25 ⁴
5	TBD	South of Vincent CRAS	Initiation	Pending	N/A	Apr-26	New	Apr-26
6	PIN8455	Vincent 500 kV Circuit Breaker Upgrade	Cancelled	N/A	N/A	Dec-23	Dec-23	N/A ⁵
7	PIN8449	Whirlwind 230 kV Circuit Breaker Upgrade	Cancelled	N/A	N/A	Dec-23	Dec-23	N/A ⁵
8	PIN8454	Antelope 230 kV Circuit Breaker Upgrade	Cancelled	N/A	N/A	Dec-23	Dec-23	N/A ⁵

1: In-service date (ISD)



2: Project delay due to delays in triggering projects and material long lead time and delays

3: Project delay due to the volume of CRAS projects

4: Project delay due to delays in triggering project in-service date

5: Project cancelled as not needed due to circuit breaker re-rate

Queue Network Upgrades (2/2)

 In progress
 Completed

No.	ID	Network Upgrades	Status	Current Expected Construction Start	Expected CPUC Application	Original Estimated ISD ¹	Expected ISD Q3 2022 TDF	Current Estimated ISD
9	SCE-TCP2-EOP-R4	Lugo - Victorville RAS	Permitting	Dec-22	N/A	Dec-20	May-23	Dec-23 ²
10	SCE-C11P2-E-R1-C12	WOCR CRAS Inland/Devers Extension Additional Monitoring (QC11) at Wildlife Sub	On Hold	Pending	N/A	Oct-26	Oct-26	Jun-27 ³
11	TBD	Calcite Substation	Permitting	Pending	N/A	Jan-24	New	TBD
12	SCE-2021RA-E-R6	West of Colorado River CRAS Palo Verde Extension	Cancelled	N/A	N/A	Dec-23	Dec-23	N/A ⁴
13	PIN8450	Vista 230 kV Circuit Breaker Upgrade	Cancelled	N/A	N/A	Dec-23	Dec-23	N/A ⁵

1: In-service date (ISD)

2: Project delayed because an initial delay in agency approval resulted in an expanded environmental scope and need to re-file

3: Project is contingent on Riverside Transmission Reliability Project, which is On Hold at customer request

4: Project cancelled as not needed according to the 2022 Reassessment Study

5: Project cancelled as not needed due to circuit breaker re-rate